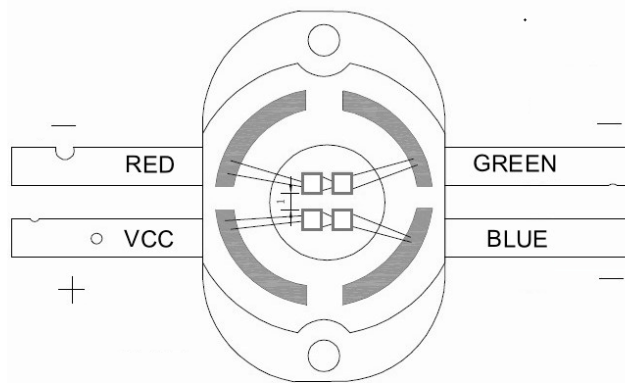
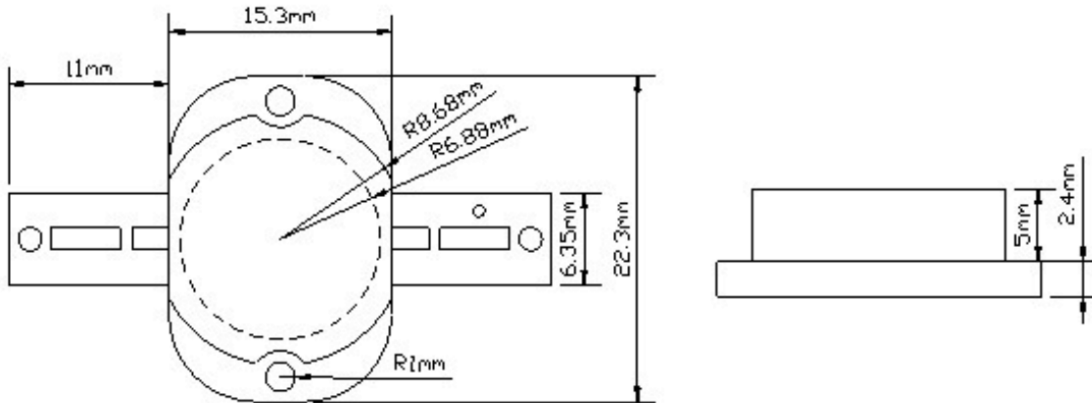


# SPECIFICATION FOR APPROVAL

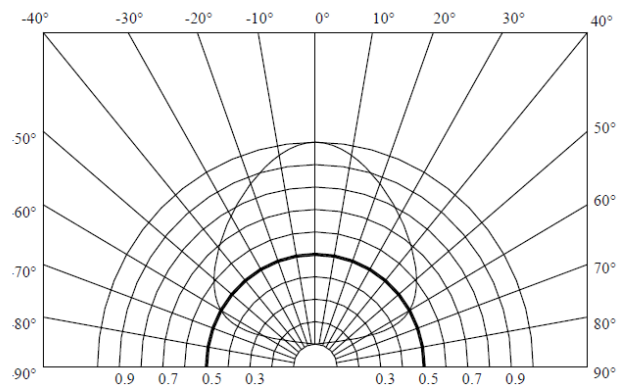
## Package Dimensions



## Spatial Distribution

### Notes

1. All dimensions are in millimeters (mm).
2. Tolerance is  $\pm 0.25\text{mm}$  unless otherwise noted.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.



# SPECIFICATION FOR APPROVAL

## Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	$\Phi/R$	100	110	120	lm	IF = 400mA
	$\Phi/G$	150	165	180	lm	IF = 350mA
	$\Phi/B$	40	45	50	lm	IF = 350mA
Viewing Angle	$2\theta$	100	105	110	deg	IF = 400/350mA
Spectral Line Half-Width	WLD/R	620	625	630	nm	IF = 400mA
	WLD/G	520	525	530	nm	IF = 350mA
	WLD/B	460	465	470	nm	IF = 350mA
Forward Voltage	VF/R	6.0	6.50	7.0	V	IF = 400mA
	VF/G	9.0	10.00	11.0	V	IF = 350mA
	VF/B	9.0	10.00	11.0	V	IF = 350mA
Reverse Current	IR			20	$\mu$ A	VR = 5V

## Absolute Maximum Ratings at TA=25°C

Parameter	Maximum Rating
Power Dissipation	10W
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	1000mA
Continuous Forward Current	400/350mA
Reverse Voltage	5V
Operating Temperature Range	-20°C to + 60 °C
Storage Temperature Range	-20°C to + 60 °C
Lead Soldering Temperature [1.6mm(.063") From Body]	260°C for 5 Seconds